



**SPECIFICATIONS**

**Input Signal**

- Video .. 15.7 NTSC, S-Video or Composite Video
- .. 15.6 PAL/SECAM, S-Video or Composite
- .. Video
- RGB .. 15.7 kHz (Targa Style)
- VGA .. 31.5 kHz, 640 x 480
- .. Pass-through

**Output Signal**

- VGA .. 640 x 480, 31.5 kHz / 60 Hz

**Connectors**

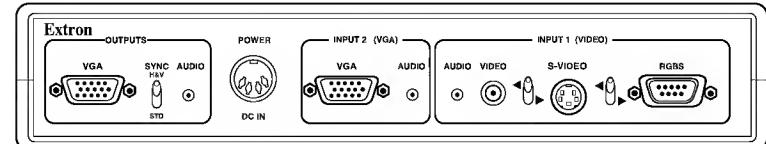
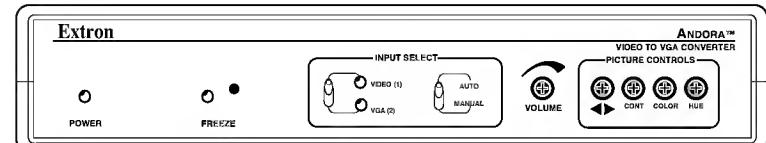
- Composite Video .. RCA
- S-Video .. 4-pin mini-DIN
- RGB .. 9-pin (Male)
- VGA Input .. 15 pin HD (Male)
- VGA Output .. 15 pin HD (Female)
- Audio .. 2.5 mm phone jack (Female)
- Power Supply .. 100-240 V 50/60 Hz
- .. (auto-switchable)
- Dimensions .. 9.75" W x 7.0" D x 1.75" H
- .. 25cm W x 18cm D x 4.4cm H
- Enclosure .. High-impact plastic
- Shipping Weight .. 6 lbs. (2.7 kg)
- Warranty .. Two years, parts & labor

**Andora Part Number**

115/230 volt: .. 60-144-01

**Accessories**

- Andora 9' .. 26-161-03
- Targa 6' HR .. 26-362-01
- S-VHS-BNC Adapter .. 26-353-01
- SY VGA .. 26-173-01



**ANDORA SCAN DOUBLER**



EXTRON'S ANDORA™ is a dual input, Multimedia, auto-switcher that is both VGA and Video (NTSC/PAL/SECAM) compatible. Manual or automatic selection of VGA or Video (Composite, S-Video or 15.7 kHz RGB) provides input video and stereo audio (if used) to the Andora.

The built-in "autoswitch" feature of ANDORA allows both the standard VGA Compatible PC and a video source such as a VCR, laser Disc, Cable TV or off-air video signal to be automatically selected on the VGA display. So, ANDORA not only outputs a higher quality video signal than is input, but also allows the desktop VGA display to still be utilized in the "Multimedia" system.

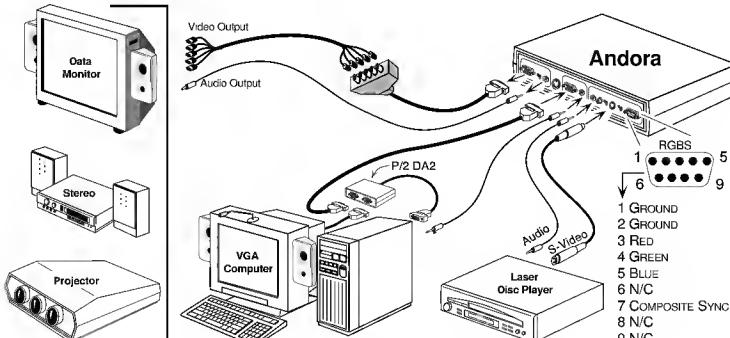
Because ANDORA converts the incoming video to a standard VGA 640 x 480 analog signal, an industry standard VGA or Super VGA display monitor, projector or LCD Panel will be capable of displaying full-motion video, on demand.

The Andora ships with a VGA to BNC adapter plus S-Video and RCA (video) cables.

### Installation

1. Power off the computer system and disconnect the monitor.
2. Connect the supplied VGA cable from the computer to the VGA Input (2). A P2DA2 distribution amplifier may be required as shown in the Connection Diagram below. Connect stereo audio, if desired.
3. Connect one video source (only one) to Input 1 using either the RCA (composite video), S-Video (S-VHS) or RGBS 9 pin connector. A Document Camera or similar RGBS input device may be connected to the RGBS connector with an optional 6' long cable (PN #26-362-01). Connect stereo audio, if desired. Use the table to the right to set up the Input 1 Switches. An X identifies the connector that the switch settings apply to.
4. Connect your 640 x 480 compatible PC monitor (or output device, such as an LCD or Projector) to the VGA output and choose the desired sync option (H&V = Separate H&V Sync, STD = Composite Sync). Note: VGA monitors require H&V Sync.
5. Plug in the ANDORA power supply and power up the system!

Use the front and rear panel component descriptions on the facing page as an aid to operating the Andora.



### Front and Rear Panels

Match the letters next to the following descriptions to the circled letters in the panel drawings below to locate described Andora front and rear panel components.

- A Power LED** - When ON, indicates ANDORA is receiving power.
- B Freeze Push Button Switch** - Selects or releases (toggles) "freeze frame" mode.
- C Freeze LED** - ON when the output image is in the "freeze frame" mode.
- D Video/VGA Switch** - In Manual mode, selects Video (Input 1) and audio or VGA (Input 2) and audio.
- E VGA (2) LED** - When on, indicates VGA (Input 2) is selected.
- F Video (1) LED** - When on, indicates Video (Input 1) is selected.
- G Auto/Manual Switch** - In the Manual position, the input Video/VGA switch is active. In the Auto position, whichever input (1 or 2) that has a signal will automatically be selected. If a signal is present on both inputs, Input 1 (Video) is the default.
- H Volume Control** - Adjusts the output stereo audio level.
- I Horizontal Shift** - Shifts the image to the left or right on the screen.
- J Contrast Control** - Adjusts the contrast of the image on the screen.
- K Color Control** - Adjusts the color level (color intensity) of the image on the screen.
- L Hue Control** - Adjusts the hue (tint) level of the image on the screen.
- M VGA Output Connector** - Standard female 15-pin HD VGA connector.
- N Sync Switch** - Output sync, H&V = separate H&V sync, STD = composite sync.
- O Audio Output Connector** - Mini phone jack for output audio.
- P Power DC IN Connector** - Four pin Power connector for DC voltages from external power supply.
- Q Input 2 VGA Connector** - Standard male 15-pin HD VGA connector.
- R Input 2 Audio Connector** - Mini phone jack for input 2 audio.
- S Input 1 Audio Connector** - Mini phone jack for input 1 audio.
- T Input 1 Video Connector** - RCA connector for composite video input.
- U Input 1 Video/S-Video Switch** - Active only w/switch W up, up = composite video, down = S-Video
- V Input 1 S-Video Input Connector** - Four pin S-Video mini-DIN connector.
- W Input 1 S-Video/RGBS Switch** - Switch up = See U, down = RGBS video.
- X Input 1 RGBS Connector** - Standard 9-pin D male connector accepts RGBS input from Document Camera or similar device. See RGBS connector pin assignments in Connection Diagram on facing page.

